

CORNELL UNIVERSITY ANNOUNCEMENTS

General Information

1956 - 1957

CORNELL UNIVERSITY ANNOUNCEMENTS

These publications are designed to give to prospective students and other persons information about Cornell University. The prospective student should have a copy of *General Information* and a copy of one or more of the following Announcements:

New York State College of Agriculture (Four-Year Course), New York State College of Agriculture (Two-Year Course), College of Architecture, College of Arts and Sciences, Graduate School of Business and Public Administration, School of Education, College of Engineering, Far Eastern Studies, Financial Aids and Scholarships, Graduate School, New York State College of Home Economics, School of Hotel Administration, Independent Divisions and Departments, New York State School of Industrial and Labor Relations, Law School, Medical College, Cornell University-New York Hospital School of Nursing, School of Nutrition, Summer Session, New York State Veterinary College.

[It should be noted that undergraduate preparation in a recognized college or university is required for admission to these divisions of Cornell University: Graduate School of Business and Public Administration, Law School, Medical College, Cornell University-New York Hospital School of Nursing, School of Nutrition, New York State Veterinary College, Graduate School.]

Requests for these publications may be addressed to

CORNELL UNIVERSITY ANNOUNCEMENTS

EDMUND EZRA DAY HALL, ITHACA, NEW YORK

CORNELL UNIVERSITY
ANNOUNCEMENTS

GENERAL INFORMATION

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INTRODUCTION

IN A remarkable number of instances, the founders of American universities and colleges have chosen a hilltop as the appropriate site for an institution of higher learning. Ezra Cornell chose the top of an especially impressive hill, for the University that bears his name is on an eminence that rises abruptly for several hundred feet above the southern end of Cayuga Lake. Its towers are a landmark against the sky, visible for miles across the adjoining valleys of the Finger Lakes country of upstate New York.

Three circumstances contributed to the founding of Cornell University in the eventful years that marked the close of the Civil War. In the first place, Ezra Cornell, a citizen of Ithaca, had come into a large fortune from his holdings in the newly formed Western Union Telegraph Company and had devoted a great deal of thought to the good that might be done by giving his wealth to education. A second circumstance was the fact that the State of New York had received a substantial land grant, under the Morrill Act of 1862, for the support of colleges teaching agriculture and the mechanic arts. The third circumstance was that Mr. Cornell had as a colleague in the state legislature of 1864–1865 a young senator named Andrew Dickson White, who had the vision of preserving the state's land grant intact for a single great institution which should teach not only agriculture and the mechanic arts but the humanities and the sciences as well.

Under the fortunate conditions which brought these two men together, it was a natural step to the idea of combining Mr. Cornell's wealth with the federal land grant to build a new university at Ithaca. Through the leadership of Mr. Cornell and Mr. White, the plan for Cornell University took shape in an act eventually passed by the legislature. On April 27, 1865, the charter was signed by the governor of the state, and on October 7, 1868, the University opened its doors to students.

In later years many donors have swelled the endowment so gener-

ously begun by Ezra Cornell. The State of New York, mindful of Cornell's origin as the land grant institution of the state, has added to the endowed divisions of the University four colleges and schools which are supported by annual legislative appropriation. Since the creation of the State University of New York in 1948, these divisions have been units of the State University system. Cornell is thus an unusual combination of the endowed and the public-supported types of institution.

The University has grown with the years since ground was broken for the first buildings on the height of land where Ezra Cornell's farm used to be. This growth has been in the wise tradition of the founders, who saw clearly the limitations of higher education in their time, and who in no uncertain sense provided impetus for the emergence of the modern American university from the classical college of the nineteenth century.

Cornell as it is today, engaged in the numerous and varied activities that make up its teaching and research program, can hardly be described in detail by the present publication. This handbook has been written to set forth briefly the kinds of educational opportunity offered at the University, together with the sort of general information that prospective students ought to have. It is hoped that it will serve as a useful guide in outlining the courses of study here and in indicating other publications where more detailed information may be found. Any of these Announcements, which are listed on the inside front cover, will be mailed without charge.

A KEY TO THE ILLUSTRATIONS

The Library Clock Tower, a familiar landmark against Cayuga Lake.

Willard Straight Hall, student union and center of campus activity.

The Library Slope and the War Memorial dormitory group for men.

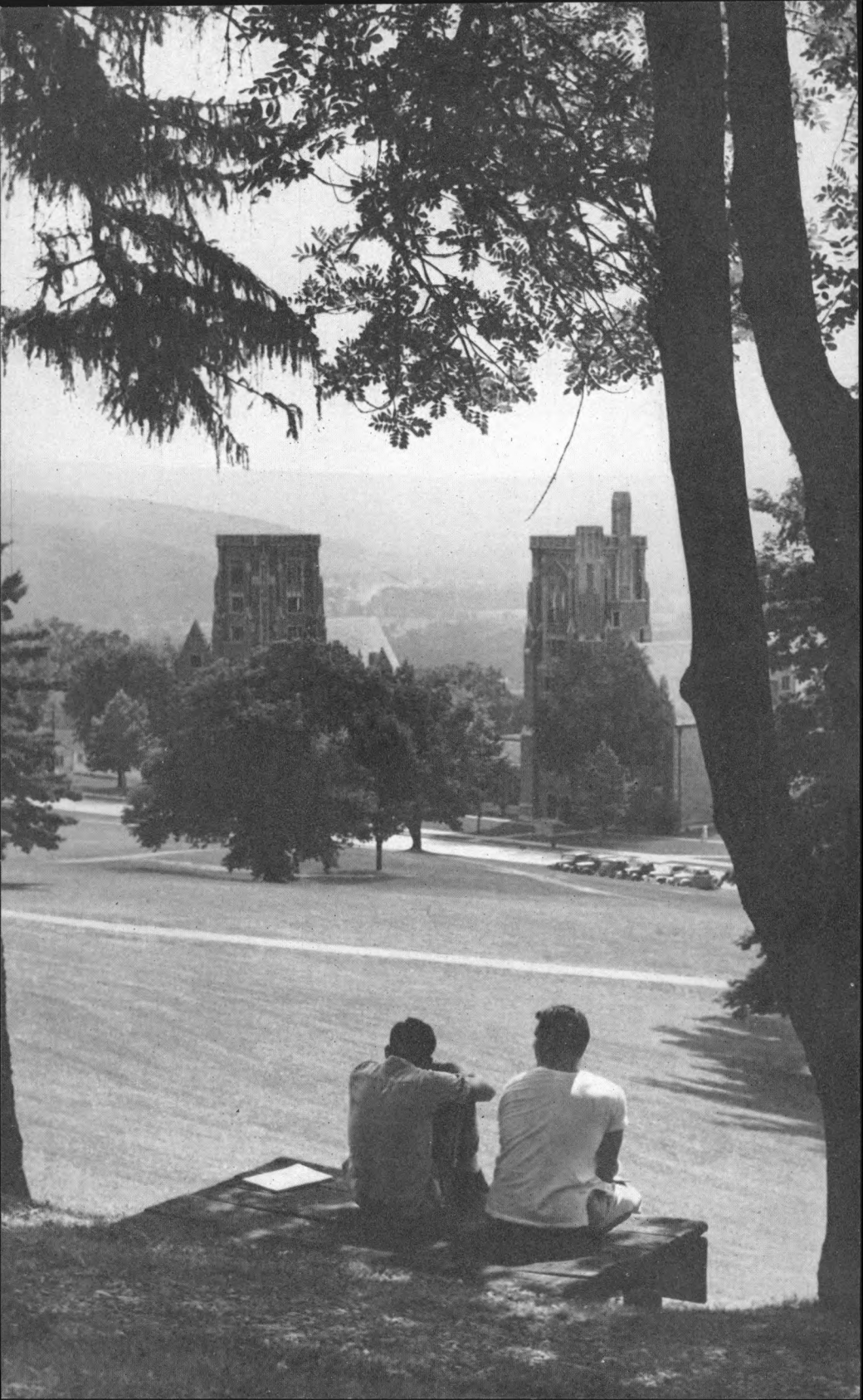
A lounge in Clara Dickson Hall, one of the women's living units.

Anabel Taylor Hall, housing the University's interfaith program.

The original classroom buildings bordering the lower Quadrangle.













I

THE TEACHING DIVISIONS OF THE UNIVERSITY

ADMISSION to Cornell involves, in each instance, meeting the entrance requirements to one of the divisions that make up the University. The following paragraphs give general descriptions of the work offered in the various divisions. A separate Announcement, offering complete information about the several courses of study, is published for each division. The prospective student should request the appropriate Announcement after he has determined, from the following material, what division he desires and considers himself qualified to enter.

For convenience, the descriptions have been divided into three groups. The first includes divisions which admit students directly from secondary schools: the New York State College of Agriculture; the endowed Colleges of Architecture, Arts and Sciences, and Engineering; the New York State College of Home Economics; the School of Hotel Administration; and the New York State School of Industrial and Labor Relations. The School of Education is also included, since it supervises curricula beginning in the freshman year, although it does not actually enroll students.

The second group includes colleges and schools which admit students only after some previous college education. The Cornell University-New York Hospital School of Nursing and the New York State Veterinary College require two years; the Law School, the School of Nutrition, and the Medical College require three years of study in an undergraduate college at Cornell or a baccalaureate degree; the Graduate School of Business and Public Administration requires a baccalaureate degree except in a few specific cases; and the Graduate School requires at least a baccalaureate degree.

In the third group are the Division of Unclassified Students, the Division of Extramural Courses, and the Summer Session.

THE NEW YORK STATE COLLEGE OF AGRICULTURE

The College of Agriculture prepares students for farming and for many related occupations in business and the professions. The primary objective of the College is to give a broad base of scientific training as well as advanced work in agricultural methods.

The regular course of study in the College covers four academic years and leads to the degree of Bachelor of Science. In addition, special five-year programs have been arranged in cooperation with the College of Engineering, leading to the Bachelor of Agricultural Engineering degree, and with the School of Business and Public Administration and the School of Nutrition, leading to the Bachelor of Science degree at the end of the fourth year and the appropriate Master's degree at the end of five years.

The College offers, also, shorter programs which are of college grade but which do not lead to a degree. A student may register in a two-year course or for study in any special field of agriculture for a period covering one or more terms. The work completed in any of these programs may be credited toward a degree if the student subsequently enrolls in the four-year course. For many years the College has also offered, at irregular intervals, short courses which are not of college grade and which are designed for special agricultural groups.

A very important part of the instructional program of the College is graduate work leading to the degrees of Master of Science and Doctor of Philosophy. This is offered through the Graduate School in the various departments of the College. Detailed information may be obtained from the Dean of the Graduate School.

Requests for further information about undergraduate work and short courses should be addressed to the Secretary of the College of Agriculture, Roberts Hall.

THE COLLEGE OF ARCHITECTURE

The College of Architecture offers undergraduate instruction leading to degrees in the fields of architecture, land planning, and the fine arts. At the graduate level, instruction is given in architecture, landscape architecture, city and regional planning, and the fine arts (painting and sculpture).

The course of study leading to the degree of Bachelor of Architecture covers five years. It includes training in the basic skills and disciplines needed by the architect for professional competence in his field, together with courses planned to stimulate his creative imagination and to broaden his knowledge of the social and cultural values that must be reflected in contemporary architecture.

The four-year curriculum leading to the degree of Bachelor of Fine Arts provides a general education with the practice of painting or sculpture as the major field of study.

Graduate work in the fine arts is offered to students who have completed their undergraduate training and who have majored in either painting or sculpture. Students preparing themselves for a professional career may enter upon the course of study leading to the degree of Master of Fine Arts, awarded on completion of two years in the Graduate School. For those who wish to become teachers and supervisors of art in the public schools, the College in conjunction with the School of Education offers a one-year course of study leading to the degree of Master of Education. Graduates of this course will, without further examination, be given a teacher's certificate by the New York State Department of Education.

The degree of Bachelor of Land Planning is awarded on successful completion of a four-year course of study. The purpose of the curriculum in land planning is to provide students with a basic professional competence in the fields of landscape architecture and city planning. Students contemplating a career in either of these fields are advised to enter this curriculum.

In the field of city and regional planning, qualified students who hold degrees in architecture, landscape architecture, or engineering, or who have majored in economics, sociology, geography, or government in their undergraduate work may be accepted in the Graduate School as candidates for the degree of Master of Regional Planning. Two years of graduate study are ordinarily required for the degree.

Requests for further information should be addressed to the Secretary of the College of Architecture, Franklin Hall.

THE COLLEGE OF ARTS AND SCIENCES

The general purpose of the College of Arts and Sciences is liberal and nontechnical. The definition of a liberal college is found in the subjects that make up its curriculum: those which, in the history of human civilization, have distinguished themselves as the means whereby man has come to understand himself and the world in which he lives. As thus conceived, a liberal education is a special knowledge of some field of human understanding, erected upon a fundamental training in the humanities, the natural sciences, and the social studies.

The College of Arts and Sciences grants the degree of Bachelor of Arts. The requirements of the degree are satisfied normally in four years. Though a large part of a student's course of study is required in general, he does exercise a wide choice in selecting particular courses, and he has many completely unrestricted electives. The student is expected to accept a large share of responsibility in shaping his own course of study, though at all times he will have the assistance of a faculty adviser and recourse to other sources of advice on the campus in making the most of his educational opportunities.

A student is offered a wide choice of fields of major study: American studies, astronomy, botany, chemistry, Classics, Classical civilization, economics, English, Far Eastern studies, fine arts, French linguistics, French literature, geology, German linguistics, German literature, German studies, government, history, Italian literature, literature, mathematics, music, philosophy, physics, psychology, Russian linguistics, sociology and anthropology, Spanish linguistics, Spanish literature, speech and drama, zoology.

Because of the breadth and fundamental nature of its curriculum and the requirement to secure a reasonable mastery of a single field of knowledge, the College of Arts and Sciences provides the basic education for students planning to enter the professions, to continue in graduate study, or to engage at once in the activities of contemporary life. A student may satisfy in his undergraduate years in the College the requirements of the degree of Bachelor of Arts and the entrance requirements of most types of professional schools. A limited number of qualified students may, with the permission of the faculties concerned, register for the senior year both in the College of Arts and Sciences and in one of these other Cornell divisions: the Law School, the Graduate School of Business and Public Administration, the Medical College, the Veterinary College.

Students interested in the College of Arts and Sciences should request the Announcement of that College. Those interested in graduate study in the liberal arts and sciences should consult the *Announcement of the Graduate School*.

THE COLLEGE OF ENGINEERING

The need of sound fundamental training for all engineers, whatever their special field of interest, and the need for intellectual development outside the technical sphere, have formed the framework of the five-year undergraduate engineering program at Cornell.

The program has been designed to prevent narrow specialization. It provides instead for a balanced background leading to broad technical competence, to a comprehension of the economic, social, and political forces with which engineers must deal, and to competence in the techniques of management and human relations.

The five-year undergraduate program offers courses in agricultural, chemical, civil, electrical, mechanical, and metallurgical engineering, and engineering physics. Administrative engineering courses are included in the curriculum of the School of Mechanical Engineering. The course in agricultural engineering is offered as a joint program with the College of Agriculture. A graduate program in aeronautical engineering, leading to the Master's degree, may be preceded by a specially arranged undergraduate program in this field.

An Industrial Cooperative Plan is open to selected undergraduates. Students follow a program which includes the same academic work as that of regular students, with the addition of several "work periods" in cooperating industries. Such students graduate with their regular classes.

Graduate study, leading to the Master's and Doctor's degrees, is offered by all divisions of the College.

Details of curricula and facilities are carried in the *Announcement of the College of Engineering*, which will be sent on request.

THE NEW YORK STATE COLLEGE OF HOME ECONOMICS

Students in the College of Home Economics receive training in homemaking and in related fields, together with instruction in additional subjects designed to provide a sound general education, and in subjects preparatory to certain vocations. The curriculum of the College includes work in economics of the household and household management, child development and family relationships, food and nutrition, housing and design, institution management, textiles and clothing, and home economics education, including extension education.

The undergraduate course of study in the College may be completed in four academic years and leads to the degree of Bachelor of Science.

Graduate study leading to advanced degrees is offered in all departments. Students who wish to enter one of the advanced programs must qualify for admission to the Graduate School.

Further information may be obtained from the *Announcement of the College of Home Economics*, from the *Announcement of the Graduate School*, and from the office of the Dean of the College, Martha Van Rensselaer Hall.

THE SCHOOL OF HOTEL ADMINISTRATION

The purpose of the special program in hotel administration is to give a thorough professional training for careers in the hotel, restaurant, hospital, and related fields. The curriculum is designed to fit students for positions of executive responsibility.

Besides general cultural material, the course of study includes foods and food preparation, hotel and restaurant engineering and maintenance, general and specialized hotel accounting, food and beverage control, business administration, personnel management, insurance, real estate management, and advertising. The program is technical in that it requires a concentration of effort in scientific courses necessary for an adequate background in a field where highly

skilled personnel must be provided, yet it is sufficiently broad to allow for optional courses that are of value to those who are looking to positions of leadership. The course of study covers four academic years and leads to the degree of Bachelor of Science.

Requests for further information should be addressed to the School of Hotel Administration, Statler Hall.

THE NEW YORK STATE SCHOOL OF INDUSTRIAL AND LABOR RELATIONS

The School of Industrial and Labor Relations offers a comprehensive program of professional training at the undergraduate and graduate levels in the field of industrial and labor relations.

The four-year course of study leads to the degree of Bachelor of Science. Courses in the first and second years of the undergraduate program give the student background in the social sciences and in the techniques of analysis and expression. In the third and fourth years, courses directly concerned with labor-management relations and related fields are emphasized. In addition, the School offers graduate work in industrial and labor relations leading to the Master's and Doctor's degrees. Graduate instruction is also offered in the field of industrial education. For details concerning graduate work, consult the *Announcement of the Graduate School*.

Requests for further information should be addressed to the Director, Resident Instruction, School of Industrial and Labor Relations.

THE SCHOOL OF EDUCATION

The School of Education is composed of the departments and divisions of education in the various colleges of the University. The resources of all the colleges that can contribute either to the general or professional education of teachers are utilized.

Through its School of Education, Cornell University offers a variety of programs for those who wish to prepare for, or those who are already engaged in, the teaching profession.

The person who has determined at the time of entrance at the undergraduate level that he wishes to teach, or who so decides early in his undergraduate career, may shape his program of study accordingly. Programs for teaching at various levels are available.

A student may delay the decision to prepare for teaching until after the award of a Bachelor of Arts or Bachelor of Science degree. If then he decides he would like to become a teacher and presents appropriate qualifications, he may enter the Graduate School and prepare for elementary, secondary, or college teaching.

An experienced teacher who desires to do more advanced work and to qualify for college teaching, school administration, or specialized services in schools, may become a candidate for a Master's degree or for a Doctor of Philosophy or Doctor of Education degree. The nature of the program for this graduate work and the requirements for admission are discussed in the *Announcement of the School of Education*. Requests for further information should be addressed to the Director of the School of Education, Stone Hall.

A KEY TO THE ILLUSTRATIONS

A world-renowned composer rehearsing the University Orchestra.

Home economics students planning decoration of a modern home.

An industrial relations group on a field excursion to a coal mine.

Barton Hall, drill building and setting for indoor track contests.

Members of Cornell Yacht Club preparing for a race on Cayuga.

The powerful new synchrotron, one of the important research tools.

The New York Hospital-Cornell Medical Center in New York City.

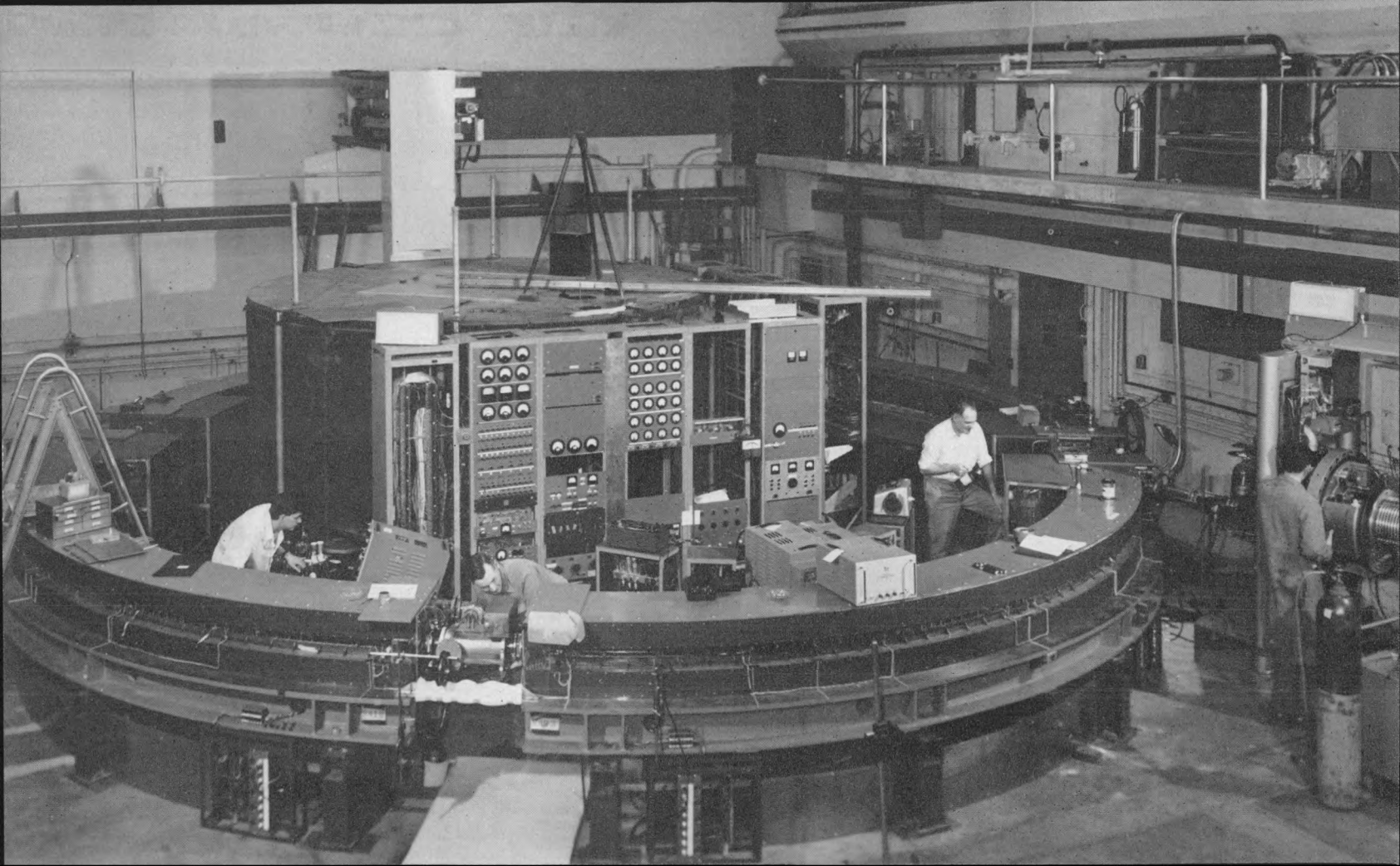














THE CORNELL UNIVERSITY-NEW YORK HOSPITAL SCHOOL OF NURSING

The School of Nursing, like the Medical College, is in New York City at the New York Hospital-Cornell Medical Center. The program offers to carefully selected young women a preparation in nursing which qualifies them for professional practice in public health agencies, hospitals, and other community health services. Unlimited opportunities for participation in vital health services at home and abroad are open to graduates.

Requirements for admission to the School include two years of general college work in an accredited college or university. These two years may be taken at Cornell, usually in the College of Arts and Sciences, the College of Home Economics, or the College of Agriculture, or in any college or university or junior college from which Cornell accepts transfer credits.

The course of study in the School of Nursing is three years in length and leads to the degree of Bachelor of Science in Nursing.

Requests for further information should be addressed to the Dean of the Cornell University-New York Hospital School of Nursing, 1320 York Avenue, New York 21, N.Y.

THE NEW YORK STATE VETERINARY COLLEGE

The primary purpose of the Veterinary College is to educate young men for the veterinary profession. The course, which requires four academic years, leads to the degree of Doctor of Veterinary Medicine. This degree makes its holder eligible to take the licensing examination in any state or territory of the United States; it is also recognized in many foreign countries.

Work at the graduate level, leading to the degrees of Master of Science, Doctor of Science in Veterinary Medicine, and Doctor of Philosophy, is offered for graduates who want additional training in a specialty, or who plan to go into teaching or research. It is conducted in accordance with the regulations of the Graduate School.

Requirements for admission to the College include two years of college work with credits in several specified subjects. The farm practice requirement must also be met. Those interested in applying for admission should request a copy of the *Announcement of the New York State Veterinary College*.

THE LAW SCHOOL

The primary function of the Law School is to prepare, for both public and private practice, attorneys who are equipped to render skillful professional service and who are thoroughly conscious of the important role played by the law as a means of social control. The curriculum is designed to prepare students for admission to the bar in all American states and territories.

Students who are admitted to the Law School must have a Bachelor's degree from an approved college or university. Exceptions are made in the case of students in the College of Arts and Sciences at Cornell, who are allowed in their senior year to elect the first year of the course in law, and in the case of students in the College of Engineering, who are allowed in their fifth year of engineering to elect courses in the Law School.

The course of study leading to the degree of Bachelor of Laws covers three academic years. A limited number of students will be admitted to a program of study leading to the degree of Bachelor of Laws with specialization in foreign affairs. Study at the graduate level, leading to the degrees of Master of Laws and Doctor of the Science of Law, is conducted in the Graduate School under the direction of the Division of Law. Candidacy for the degree of Master of Laws is open to those who have earned the degree of Bachelor of Laws and who have decided upon a specialty. Work leading to the degree of Doctor of the Science of Law is planned mainly for those who wish to teach law and who have already received a Bachelor of Laws degree.

Requests for further information should be addressed to the Law School, Myron Taylor Hall, for the attention of the Director of Admissions of that School.

THE SCHOOL OF NUTRITION

The aim of the School of Nutrition is to provide thorough training in the sciences basic to the field of food and nutrition. It is designed to furnish a broad training program which includes the practical application of these basic principles in both human and animal nutrition and in the fields of food processing, distribution, and preparation for use.

To be admitted to the School the applicant must hold a baccalaureate degree from a college or university of recognized standing, except that admission is open to Cornell undergraduates who can otherwise qualify at the end of their third year and for whom a combined curriculum can be planned which will enable them to receive the Bachelor's degree in their college and simultaneously complete the first year's work of the School. Applicants admitted to the School usually become candidates for the Master of Nutritional Science or Master of Food Science degree. Admission in noncandidate status is open to applicants who desire to register for a term or more to take specific courses but who do not wish to become candidates for a degree.

Requests for further information should be addressed to the Secretary of the School of Nutrition, Savage Hall.

THE MEDICAL COLLEGE

The Cornell University Medical College is in New York City and is associated with the New York Hospital in the New York Hospital-Cornell Medical Center. This Center includes the Cornell University-New York Hospital School of Nursing. The Memorial Hospital for Cancer and Allied Diseases has long been affiliated with the Medical College. Memorial Hospital is also associated with the Sloan-Kettering Institute for Cancer Research and the James Ewing Hospital to form the Memorial Center. This neighboring center has recently become more closely associated with Cornell University by the establishment of a graduate division of the Medical College which is known as the Sloan-Kettering Division of Cornell University Medical College.

The curriculum of the Medical College leads to the degree of

Doctor of Medicine and qualifies graduates for licensing examinations in all states and territories of the United States. The course of study covers four academic years.

Applicants for admission to the Medical College must be graduates of approved colleges or scientific schools, or seniors in good standing in approved colleges or scientific schools which permit their students to substitute the first year in Cornell University Medical College for the fourth year of the college course and will confer upon them the baccalaureate degree upon the satisfactory completion of the first year's work in medicine.

Graduate study, leading to the degree of Master of Science and the degree of Doctor of Philosophy, is offered to a limited number of well qualified students who can satisfy the requirements for admission to the Graduate School of Cornell University and who wish to study in the fields of anatomy, bacteriology, biochemistry, pathology, physiology, or public health and preventive medicine.

Requests for additional information should be addressed to the Assistant Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

THE GRADUATE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

The Graduate School of Business and Public Administration offers professional education for men and women desiring careers in private business and the public service. Business and public administration are taught in an integrated combination, with opportunity for emphasis in either the public or private aspect of administration. It is the School's experience that this program provides for an unusually fundamental understanding of the processes of management.

With the few exceptions outlined in the Announcement of the School, a Bachelor's degree is required for admission to the two-year program leading to the Master of Business Administration or Master of Public Administration degree.

After completing the general program required of all students, Master's candidates may specialize in one of the following concentrations: accounting, agricultural management, business management, city management, federal administration, finance, internation-

al administration, marketing, managerial economics, personnel, production, public finance, or transportation. Emphasis throughout is on the case method of instruction. In appropriate cases, a student may be permitted to undertake a special concentration such as resources management, public utilities, or economic and business history.

The School has also instituted a number of cooperative programs which permit qualified students to utilize its resources in combination with those of other Cornell schools and colleges. Such programs are in operation at present in collaboration with the Colleges of Agriculture, Architecture, Arts and Sciences, and Engineering, and with the Law School. Details will be found in the Announcement.

The Doctor of Philosophy program provides an advanced and comprehensive education in administration, primarily for those who seek careers in teaching or research. Candidates must meet the entrance requirements of the Graduate School.

Requests for further information should be directed to the Administrative Secretary, Graduate School of Business and Public Administration, McGraw Hall.

THE GRADUATE SCHOOL

The Graduate School offers facilities for advanced study and research to mature students who wish to become scholars in the large meaning of the term. As members of the Graduate School, these students may obtain a comprehensive view of a field of knowledge and receive the training required for independence in that field.

Graduate study is necessarily a highly individual process. The transmission of scholarly enthusiasm and independence from one generation of scholars to another is not assured by a system of regulations and requirements. The faculty regards a person-to-person relationship between the student and his Special Committee or Adviser as the best way for the student to reach scholarly maturity. In consequence, the faculty makes no specific requirements for the advanced general degrees of Master of Arts, Master of Science, and Doctor of Philosophy, but only such general requirements as govern the relationships which, in its considered judgment, best accomplish the aim of graduate study: a period of study in residence, the mastery of some one subject, adequate acquaintance with allied subjects,

presentation of a satisfactory thesis, and a final examination.

The Graduate Faculty, as a unit, exercises sole jurisdiction over the advanced *general* degrees. It also has jurisdiction over all *professional* degrees offered by the University except those that are the first degrees of a school or college. It also administers the study of noncandidates, that is, mature students whom it may admit to use the facilities of the University for intensive advanced training or for other special purposes.

To be admitted to the Graduate School an applicant must (1) hold a baccalaureate degree from a college or university of recognized standing or have had work equivalent to that required for such a degree; (2) show promise, as judged by his previous record, of ability satisfactorily to pursue advanced study and research; and (3) have had adequate preparation to enter graduate study in the field chosen.

Inquiries about admission should be addressed to the Dean of the Graduate School, Edmund Ezra Day Hall. Inquiries regarding facilities for advanced study and research in a given field and special requirements for such study and research should be addressed to a member of the faculty supervising work in the particular field (see the *Announcement of the Graduate School*).

THE DIVISION OF UNCLASSIFIED STUDENTS

The Division of Unclassified Students assists in redirecting the able Cornell student whose basic interests and aptitudes lie outside the division in which he originally enrolled. Any student who has been in residence for a degree in any college or school of the University may apply for admission. The Division's office is in Edmund Ezra Day Hall.

THE DIVISION OF EXTRAMURAL COURSES

Through its Division of Extramural Courses, Cornell University offers courses for nonresident students interested in part-time study. These include (a) courses made available in off-campus centers,

located to suit the convenience of a sufficient number of students to warrant the offering, and (b) regular on-campus courses scheduled for the convenience of students who can commute to the campus. All such courses carry regular credit which may be used toward meeting requirements for graduate and, in some cases, undergraduate degrees, or for such nondegree purposes as certification for employment or other purposes involving college credit.

In making its facilities available in this manner the University seeks to serve those persons who are employed in the professions, in industry, in public service, and otherwise, whose available time makes impossible a full-time resident registration but who, nevertheless, desire to add to their qualifications and training either in vocation or avocation. Students are admitted to courses on the basis of their preparation to do the work required in each specific course.

Requests for additional information should be addressed to the Director of the Division of Extramural Courses, Stone Hall.

THE SUMMER SESSION

The Summer Session offers courses for both graduates and undergraduates given by members of the faculties of most of the schools and colleges of the University.

Undergraduate courses are equivalent to required and elective collegiate courses leading to the Bachelor's degree. Advanced courses, seminars, and informal study, treating topics of concern to students with special interests, are designed with particular regard for what can satisfactorily be treated in a short term and in the summer. Though some courses may be in operation at any time from Commencement Day to the day of fall registration, the regular Session extends six weeks from the first Monday in July. All the necessary facilities of the University are available to students registered in the Summer Session.

A special application must be filed for admission to the Summer Session. Such applications, as well as other correspondence regarding this division of the University, should be addressed to the Director of the Summer Session, 356 Edmund Ezra Day Hall.

II

ADMISSION TO THE UNIVERSITY

THE FIRST step toward entering an undergraduate college or school is to write to the Director of Admissions, Edmund Ezra Day Hall, for an application blank. Correspondence regarding entrance to the Graduate School, the Law School, the Medical College, the School of Nursing, the School of Nutrition, the Graduate School of Business and Public Administration, and the Graduate School of Aeronautical Engineering should be addressed to the heads of those divisions.

GENERAL ADMISSIONS POLICY

Cornell University welcomes applications for admission from all those who are interested in studying at Cornell regardless of race, religion, creed, or nationality. Selection of students is not governed in any way by those factors.

The University's colleges and schools include eight offering instruction at the undergraduate level: the Colleges of Agriculture, Architecture, Arts and Sciences, Engineering, and Home Economics; the Veterinary College; and the Schools of Hotel Administration and Industrial and Labor Relations. Each of these divisions is limited in the number of students who can be accommodated. The number of applicants with minimum qualifications generally exceeds the number who can be admitted, thus creating a highly competitive situation among candidates. Those are selected each year who, in competition with all others seeking admission at the same time, have best demonstrated by their superior qualifications that they deserve acceptance. It should be clearly understood that each candidate is a competitor only with those seeking entrance to the same division of the University, and that the professional divisions in particular must restrict their selections to those who, meeting all other qualifications, appear well fitted for the particular field of work to which the course of study is directed.

The selection of the proper college course is therefore most important. A choice should be made only after careful thought, in-

vestigation, and consultation with those familiar with the candidate's abilities and interests. Secondary school advisers should be consulted. The office of Admissions is always ready to help prospective applicants in this matter.

SCHOLARSHIP. . . As an educational institution, Cornell University is devoted primarily to the intellectual development of its student body. Those selected for admission must have demonstrated, without question, through their previous schooling, the intellectual capacity to carry the classroom work and to profit from the instruction offered in the division of the University to which application is made. Intellectual preparedness for study at Cornell is judged by the candidate's whole secondary school record, the recommendations of his school principal, and, in the case of most divisions, the Scholastic Aptitude Test of the College Entrance Examination Board.

EXTRACURRICULAR ACTIVITIES. . . To supplement but not replace the basic requirement of demonstrated intellectual capability, evidence of the candidate's ability to make effective use of his time is an important consideration. This factor is judged by the character and quality of the student's participation in the extracurricular activities associated with his school and his community and the use he has made of summer vacations. Work experience which is related to the candidate's educational objective is particularly valuable.

CHARACTER AND PERSONALITY. . . The intangible but important factors which go to make up a person of good character, personal integrity, and effective personality receive full consideration by the Selection Committee. Capacity for leadership and concern for others receive due weight. These factors are usually judged by the principal's report and references submitted on behalf of the candidate. Several divisions of the University require personal interviews at specified times. In all cases candidates will be given ample notice if and when an interview is desired.

GEOGRAPHICAL DISTRIBUTION. . . Cornell University draws its students from all parts of the world and from all walks of life. The University is proud of the cosmopolitan and democratic make-up of its student body, believes in the educational values inherent in bringing to the campus persons of widely different backgrounds, and directs its admissions policy to the preservation of this fundamental characteristic.

The New York State-supported divisions of Agriculture, Home Economics, Industrial and Labor Relations, and Veterinary Medicine recognize these same values within their student bodies and encourage applicants from well-qualified out-of-state students. The bulk of their candidates will, however, be selected from among applicants resident in New York State.

The endowed divisions—Arts and Sciences, Architecture, Engineering, and Hotel Administration—impose no restrictions as to residence. In choosing from among candidates of approximately equal qualifications, some preference may be given to those whose homes are in areas not adequately represented in the student body.

CHILDREN OF ALUMNI. . . . The University is eager to include in the student body the children of its alumni who are qualified for admission. In choosing between candidates of approximately equal qualifications, including scholarship, extracurricular activities, character, and personality, as described above, the son or daughter of an alumnus will have preference.

WOMEN STUDENTS. . . . The total number of women students at Cornell is fixed by the extent of the facilities provided by the University for the housing of women students. Present facilities are such that the number of women admitted each year must be very definitely restricted, with the result that competition for admission is especially severe for this group of applicants.

ADMISSION OF FRESHMEN

A candidate for admission as a freshman must satisfactorily complete secondary school subjects carrying a value of sixteen entrance units. The subjects in which these units may be offered, the number of units that may be credited in each subject, and the units required in specific subjects by the several divisions of the University are listed in detail on pages 37–40. These should be carefully studied by every prospective student.

To enter Cornell, a student must be at least sixteen years old and have a satisfactory knowledge of the subjects required for admission. This may be demonstrated in one or more of the following ways: by presenting acceptable ratings in the tests given by the College Entrance Examination Board; by passing, if he has prepared for college in New York State, the appropriate State Regents Examinations; or by presenting an acceptable school record.

THE COLLEGE BOARD TESTS . . . The College Entrance Examination Board offers a program of achievement tests five times a year at centers throughout the United States. These are subject matter tests and may be used to satisfy entrance unit credit in the subject examined. Applicants who plan to take the tests may obtain a descriptive bulletin listing the places and times they are given by writing to the College Entrance Examination Board, Box 592, Princeton, N.J.

The Board's Scholastic Aptitude Test must be taken, in January of the year in which admission is desired, by all candidates for admission to the College of Architecture, the College of Arts and Sciences, the College of Engineering, the College of Home Economics, and the School of Hotel Administration. It is also required of candidates for admission to the School of Industrial and Labor Relations who do not offer the New York State Regents Examinations and of any other candidate for admission who may be so advised by the Committee on Admissions.

THE REGENTS EXAMINATIONS . . . These examinations prepared by the New York State Education Department are particularly desired of applicants from New York State who are candidates for admission to the College of Agriculture or the School of Industrial and Labor Relations. They are useful in the evaluation of candidates for the other divisions as well.

THE SECONDARY SCHOOL RECORD . . . A transcript of work done in a public or private school may be offered in place of College Board tests or Regents Examinations, provided the applicant has completed a regular course of study and has been graduated after at least one year in the school. Credit for entrance will be granted only in those subjects in which the candidate attains the college-recommending mark of the school. A student who has failed to obtain a satisfactory rating in a College Board test or a Regents Examination may not receive credit for the subject on the basis of his school record, unless he has meanwhile repeated the subject in school and obtained a satisfactory rating.

THE TIME FOR APPLYING . . . Applications for admission must be received at the University in ample time to allow for assembling credentials, completing required tests, and reviewing by the Committee on Admissions. Secondary school students should, if possible, initiate their applications in the fall of the year preceding matriculation in college. Applicants for admission to the College of Home Economics should, like other applicants, apply early; but in no case will the College consider an application received later than March 1 for fall entrance. The review of applications for all divisions of the University will begin not later than the first of March.

Candidates for admission who also desire financial assistance, including scholarship aid, should note carefully the section on financial aid and part-time employment, pages 57-58.

SUBJECT REQUIREMENTS

APPLICATION DATES

AGRICULTURE, B.S., 4 years.

Application should reach Cornell by April 1.

Sixteen units representing completion of a secondary school course which must include English, 4 units; and mathematics, 2 units.

The College may admit those applicants who hold the New York State Vocational Diploma in Agriculture, with the proviso that 2 units in mathematics are included.

The schedule for receiving applications in the College of Agriculture is influenced somewhat by the number and quality of applications received. It is likely that no applications will be accepted after June 1 and certain that those received after April 1, the due date, will be at a disadvantage.

Special two-year courses are also available in the College. For details consult the Announcement of those courses.

For the five-year course leading to the degree of Bachelor of Agricultural Engineering, candidates must meet the entrance requirements for Engineering (listed below) as well as those for Agriculture.

ARCHITECTURE, B.ARCH., 5 years. B.S. in L.P., 4 years. B.F.A., 4 years.

Application should reach Cornell by April 1.

Sixteen units, including English, 4 units; one foreign language, 3 units (or 2 years in each of two foreign languages, 4 units), or, in certain cases, history, 3 units, or science, 3 units, may be substituted; elementary and intermediate algebra, 2 units; plane geometry, 1 unit; solid geometry, $\frac{1}{2}$ unit; trigonometry, $\frac{1}{2}$ unit; and physics, 1 unit.

Fine Arts requirements are the same as in Arts and Sciences.

ARTS AND SCIENCES, B.A., 4 years.

Application should reach Cornell by April 1.

Sixteen units, including English, 4 units; and elementary and intermediate algebra, 2 units. The remaining units should, in the main, be made up of foreign language (ancient or modern), science, and social studies (including history).

ENGINEERING, B.C.E., B.M.E., B.MET.E., B.E.E., B.C.H.E., B.ENG.PHYS., all 5 years.

Application should reach Cornell by April 1.

Sixteen units including English, 4 units; one foreign language, 2 units, or history, 2 units; elementary and intermediate algebra, 2 units; plane geometry, 1 unit; trigonometry, $\frac{1}{2}$ unit; either advanced algebra, $\frac{1}{2}$, or solid geometry, $\frac{1}{2}$ unit; chemistry, 1 unit, or physics, 1 unit. It is recommended that the candidate offer advanced algebra, if possible, and that at least three of the elective units offered be in language or history.

Chemistry is required for entrance to the courses in chemical engineering and metallurgical engineering.

HOME ECONOMICS, B.S., 4 years.

Application must reach Cornell by March 1. No late applications can be considered.

Sixteen units, which should, in the main, be made up of English, 4 units foreign language (ancient or modern), mathematics, science, and social studies (including history).

Candidates will be considered for admission only if they meet the following standards of performance in their secondary school work: a high school average of at least 80 per cent at the end of the high school course, a scholastic rating in the upper two-fifths of the graduating class, and a satisfactory rating on the Scholastic Aptitude Test.

HOTEL ADMINISTRATION, B.S., 4 years.

Application should reach Cornell by March 1.

Sixteen units, which must include English, 4 units, and mathematics, 2 units.

INDUSTRIAL AND LABOR RELATIONS, B.S., 4 years.

Application should reach Cornell by March 1.

Sixteen units, which should, in the main, be made up of English, 4 units; foreign language (ancient or modern), mathematics, science, and social studies (including history).

VETERINARY MEDICINE, D.V.M.

Application must reach Cornell by March 1.

Two years of study in a registered college of liberal arts and sciences or its equivalent are required for entrance. At Cornell this pre-Veterinary work may be taken in either Arts and Sciences or the four-year Agriculture course. The requirement *cannot* be met in the special two-year course in Agriculture. See *Announcement of the New York State Veterinary College.*

COLLEGE BOARD TEST REQUIREMENTS

(1) FRESHMAN CANDIDATES

(a) Architecture, Arts and Sciences, Engineering, Home Economics, Hotel Administration, and Industrial and Labor Relations: * SCHOLASTIC APTITUDE TEST required.

(b) Agriculture: SCHOLASTIC APTITUDE TEST recommended but not required for candidates not offering New York State Regents examinations.

(2) ADVANCED STANDING (TRANSFER) CANDIDATES

(a) Arts and Sciences, Home Economics, and Hotel Administration: SCHOLASTIC APTITUDE TEST required.

(b) Architecture, Engineering, and Industrial and Labor Relations: SCHOLASTIC APTITUDE TEST recommended but not required.

*Not required in Industrial and Labor Relations if New York State Regents examinations are offered.

Candidates for admission as freshmen are urged to take the Scholastic Aptitude Test (if required) in January. The Cornell selection process begins each year on March 1, and each applicant's file should be complete by that date, including Scholastic Aptitude Test scores. For the same reason candidates for admission as transfer students are urged to take the required College Board test (if any) in January.

No competitive advantage will accrue to a candidate from waiting to take a test later in the school year since all scores are studied in conjunction with secondary school or college records. The amount of formal training of a particular applicant at the time of taking the test is taken fully into consideration. Those who take later tests are expected to achieve proportionately better scores.

WHERE TO APPLY . . . Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take an examination in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Territory of Alaska, Territory of Hawaii, Province of Alberta, Province of British Columbia, Republic of Mexico, Australia, or any Pacific Islands including Formosa and Japan, should address their applications to College Entrance Examination Board, Box 27896, Los Angeles 27, California.

All others should write to College Entrance Examination Board, Box 592, Princeton, New Jersey.

An application form will be sent to any candidate upon request to the College Board. A copy of the Bulletin of Information (containing rules regarding applications, fees, and reports; rules for the conduct of the test; advice to candidates; descriptions of the test; sample questions; and lists of examination centers) is automatically sent to every candidate requesting an application blank. In writing, a candidate should specify which test he plans to take.

ACHIEVEMENT TESTS FOR ARTS AND SCIENCES AND ENGINEERING PHYSICS

All accepted applicants in Arts and Sciences must take the English achievement test of the College Board not later than May for placement in class section. Those who wish to continue in Cornell a modern foreign language, begun in secondary school, must take the appropriate foreign language achievement test of the College Board not later than May. (See the *Announcement of the College of Arts and Sciences* for foreign language proficiency requirement for graduation.)

All accepted applicants for the course in Engineering Physics who wish to continue in Cornell a modern foreign language begun in secondary school, or who wish to attempt exempting the language requirement for graduation in that course, must take the appropriate foreign language achievement test of the College Board not later than August. (See Engineering Physics section, *Announcement of the College of Engineering*, for the foreign language requirement for graduation.)

Ordinarily the College Board achievement tests are not required by other divisions of the University.

ENTRANCE SUBJECTS AND UNITS

The subjects that may be offered to satisfy entrance requirements and the number of entrance units that may be credited in each subject are listed below. A unit represents a year of study in a given subject in a secondary school. Ordinarily, it takes 120 hours of classroom work to satisfy the requirements of a year's study—that is, a minimum of 160 class periods if each period is forty-five minutes long. Two hours of laboratory are considered equivalent to one hour of classroom work. In drawing and industrial arts, 240 hours are required to earn one unit and 120 hours to earn one half-unit.

ENGLISH, 4 YEARS (required of all entering students) 4

FOREIGN LANGUAGES (modern and ancient)

French	1-4	Spanish	1-4
German	1-4	Greek	1-3
Hebrew	1-3	Latin	1-4
Italian	1-3		

(If it is planned to present a foreign language for entrance credit, it is desirable to present at least two years, although credit will be granted for a single year of study in not more than two languages.)

MATHEMATICS

Elementary Algebra	1	Plane Geometry	1
Intermediate Algebra	1	Solid Geometry	$\frac{1}{2}$
Advanced Algebra	$\frac{1}{2}$	Plane Trigonometry	$\frac{1}{2}$

SCIENCES

Biology	1	Physical Geography	$\frac{1}{2}$ -1
Botany	$\frac{1}{2}$ -1	Physics	1
Chemistry	1	Zoology	$\frac{1}{2}$ -1
General Science	1		

(If a unit in biology is offered, a half-unit in botany and a half-unit in zoology may not also be counted.)

SOCIAL STUDIES, including history (each course) $\frac{1}{2}$ -1

VOCATIONAL SUBJECTS

Agriculture	$\frac{1}{2}$ -7	Home Economics	$\frac{1}{2}$ -6
Bookkeeping	$\frac{1}{2}$ -1	Industrial Arts	$\frac{1}{2}$ -1
Drawing	$\frac{1}{2}$ -1		

ELECTIVES—any high school subject or subjects not already used and acceptable to the university $\frac{1}{2}$ -2

ADMISSION OF TRANSFER STUDENTS

A student who has attended another college or university and plans to transfer to an undergraduate course at Cornell should (after filing an application for admission) submit an official transcript from the institution he has attended, giving evidence of honorable dismissal, and a statement of his secondary school record on a blank that will be supplied by the Director of Admissions. The Scholastic Aptitude Test of the College Entrance Board is required for consideration in Arts and Sciences, Home Economics, and Hotel Administration and is recommended in most other divisions. The Scholastic Aptitude Test should be taken in December for February applicants or in January for September applicants. The applicant should be prepared to send a copy of the institution's catalogue, on which he has written his name and checked each course he has taken, if requested to do so.

ADMISSION OF SPECIAL STUDENTS

A candidate for admission as a special student should consult the Announcement of the division of the University in which he wishes to study, because the requirements of the various colleges are not all alike. An applicant must give evidence of ability to do creditable work in his chosen field, and he must be recommended for admission by the division in which he proposes to study. Several of the colleges have minimum age limits for special students, although these age limits are waived for those who already hold the Bachelor's degree.

III

STUDENT HOUSING

CORNELL UNIVERSITY provides attractive, quiet, living accommodations at reasonable cost for men and women students, undergraduate and graduate. Pleasant surroundings are assured those who occupy the campus dormitories, which are located within convenient distance of the academic buildings, the Libraries, and the student union building (Willard Straight Hall).

In addition to the University-operated residential halls, the Ithaca area offers a wide range of accommodations to meet individual needs.

MEN STUDENTS

Housing for men at Cornell falls into several categories: residential halls for men, fraternities, and off-campus facilities. Meals may be obtained in cafeterias and restaurants on or near the campus. Men are not required to live in the University dormitories and are individually responsible for making their own living and dining arrangements.

Admission to the University does not automatically constitute an application for housing accommodations. Applications for dormitory rooms should be filed with the office of Residential Halls in Edmund Ezra Day Hall as soon as possible after January 1 of the year of matriculation even though admission to the University has not yet been verified.

Special attention is given to allocation of space in University-operated dormitories to members of the incoming freshman class. All freshman applicants whose admission to the University can be verified prior to July 1 are assured of University dormitory housing.

In addition to space reserved for members of the freshman class, approximately 1,000 accommodations are available in dormitories for the members of the upper classes and graduate students.

WOMEN STUDENTS

All undergraduate women who live outside the Ithaca area are required to live and take their meals in University housing facilities, either dormitories or sororities. Permission to live elsewhere in Ithaca is granted under exceptional circumstances upon written application to the office of the Dean of Women, Edmund Ezra Day Hall.

An application form for living accommodations will be included in the notice of provisional acceptance sent by the office of Admissions to each undergraduate woman candidate. This form should be completed and returned promptly to the Department of Residential Halls.

Graduate women students should address inquiries regarding housing directly to the office of Residential Halls, Edmund Ezra Day Hall. Information about both on-campus and off-campus facilities will be forwarded upon request.

MARRIED STUDENTS

Those who plan to bring their families to Ithaca should address inquiries to the Off-Campus Housing office, care of the Department of Residential Halls in Edmund Ezra Day Hall, for information on the availability of apartments and homes.

IV

VETERANS AT CORNELL

VETERANS attending Cornell under the educational benefits provided by Public Laws 16 (Rehabilitation), 346 ("G.I. Bill of Rights"), and 550 ("Korean G.I. Bill of Rights") must complete the necessary enrollment forms in the Treasurer's office at the time they register in the University.

Inquiries relating to the use of Veterans Administration education benefits at Cornell should be addressed to the nearest V.A. Regional Office.

V

HEALTH SERVICES AND MEDICAL CARE

THE STUDENT's health is of the utmost importance to successful college work. While good health does not guarantee academic success, poor health can be an important factor in failure. Prospective students are urged to have dental, visual, and other remediable defects corrected before entering the University.

If, in the opinion of the University authorities, the condition of a student's health makes it unwise for him to remain in the University, he may be required to withdraw.

THE CLINIC AND THE INFIRMARY . . . The health services and medical care of Cornell students are centered in the University Clinic (out-patient department) and in the Cornell Infirmary (hospital). Students may consult a physician at the Clinic whenever need arises and receive treatment in cases that do not require hospitalization. If hospital care is indicated, the student is requested to enter the Cornell Infirmary. The Infirmary, a hospital approved by the American College of Surgeons, is well equipped for medical and surgical service. The Infirmary staff, under the supervision of the Clinical Director, consists of resident physicians, attending physicians from the University staff, and consulting physicians and surgeons in the various medical fields from Ithaca and vicinity.

THE COLLEGE AND UNIVERSITY GENERAL FEE covers treatment at the University Clinic and medical and emergency surgical care at the Infirmary. Hospitalization in the Infirmary for a maximum of two weeks each term is included. If hospitalization extends beyond fourteen days, students will be charged on a per diem basis. Emergency surgical care is defined as initial surgical procedure which, in the opinion of the Clinical Director, is necessary for the immediate welfare and safety of the patient. The fee does

not include surgery for the correction of chronic remediable defects or obstetrical care. Emergency house calls to student residences are charged at a rate of \$3 for a day call and \$5 for a night call. (In providing these services the University reserves the right to bill the student's employer or other third party legally responsible for providing hospitalization and medical care and to be subrogated to the student's right against these parties for the cost of these services when such liability exists.)

THE RIGHT TO EMPLOY A PRIVATE PHYSICIAN... If a student prefers to consult a private physician rather than go to the Clinic or to have the services of a private doctor from Ithaca while a patient in the Infirmary, the cost of these services must be borne by the student.

UNIVERSITY HEALTH REQUIREMENTS... Each student upon entering the University is expected to assume personal responsibility for the following health requirements adopted by the Board of Trustees of Cornell University.

1. *Vaccination.* Every candidate for admission to the University must submit a satisfactory certificate of vaccination against smallpox. It will be accepted as satisfactory only if it certifies that within the last five years a successful vaccination has been performed or three unsuccessful vaccination attempts have been made.

2. *X-ray.* Every student is required to have a check of lungs, heart, and other chest structures by X-ray. A chest radiograph will be made during the orientation period or registration week; the charge is included in the University fees. If the student prefers, the radiograph may be made by a private physician within a month of entrance and presented to the Clinical Director at the time of registration. When a student has been away from the University for any reason for more than a year, he must have another X-ray upon re-entrance.

3. *Medical Examination.* Entering undergraduate students are required to have a medical examination. This includes special students who must meet undergraduate requirements such as military training, physical education, etc. An undergraduate student accepted for admission will be sent forms that are to be filled out by his home physician and returned promptly to the Student Medical Clinic. A University physician will review the material before it becomes part of the student's permanent health record. All information given is confidential. During the orientation period, a specialized recheck of any questionable medical items will be made and, when the need

for re-examination or follow-up is indicated, an appointment to consult an attending physician at the Clinic will be given.

4. *Tetanus Toxoid*. Undergraduate students, including special students enrolled in one-year and two-year courses, are required to be immunized to tetanus through the use of tetanus toxoid. The University has adopted this rule in order to avoid reactions, often serious, if antitoxin (horse serum) is administered at the time of injury. Immunity through toxoid offers the advantage of protection without the risk of antitoxin (serum) reaction. A doctor's statement, listing the dates of previous immunizations, will be accepted; a form for this will be supplied by the University. For those who do not present this evidence, the Medical Staff will give two injections during the first semester and at least a month apart. One injection (booster dose) will be given during the second year, and further booster doses may be given at intervals as recommended by recognized medical authorities.

Permission to register for a new semester will not be granted unless all health requirements pertaining to the previous semester have been fulfilled.

VI

MILITARY SCIENCE AND PHYSICAL EDUCATION

AS A PART of the normal course of study leading to a baccalaureate degree, the University faculty has established certain requirements in addition to those prescribed by the various colleges and schools. All undergraduates, regardless of their courses of study, are held responsible for these requirements, which must be satisfied within fixed periods and can be postponed only by action of the Faculty Committee on Requirements for Graduation. Any entering student who believes that he qualifies for exemption from a require-

ment or for the postponement of its satisfaction should present his case to that member of the Committee who represents his college. (See the *Announcement of the Independent Divisions and Departments.*)

MILITARY SCIENCE

As a land grant institution chartered under the Morrill Act of 1862, Cornell offers courses in military science which include all branches of the service—Army, Navy, Air Force, and Marines.

All physically qualified undergraduate men who are American citizens must take military training during their first four terms. Satisfactory completion of the basic course in Military Science and Tactics or Air Science or of the first four terms of Naval Science fulfills this requirement. Students transferring to Cornell from other institutions are exempt from all or part of the requirement, according to the number of terms of residence in college before transfer. Service in the armed forces satisfies the University requirement in military training.

PHYSICAL EDUCATION

All physically qualified students who are candidates for a baccalaureate degree are required to take physical education for three hours each week during the freshman and sophomore years. This course, which is under the general supervision of the Department of Physical Education and Athletics, is directed toward the development of skills and the encouragement of an interest in recreational sports that will be carried over after graduation, as well as toward the student's immediate physical welfare. Separate programs, under separate staffs, are maintained for men and women.

VII

STUDENT LIFE

CORNELL students have the opportunity of participating in a varied program of activities outside the regular course of study. This opportunity, if wisely used, will greatly enrich the experience of going to college. Undergraduates at Cornell who are interested in student government, athletics, publications, music, dramatics, and social organizations—the entire range of activities usually referred to as extracurricular—will find that the University offers an exceptionally long list from which to choose. By no means can all of them be enumerated here. Of the major types a few are noted, in order that the prospective student may have a general idea of the sorts of activities likely to arouse his interest. He will have plenty of time to decide on the full extent of his participation when he has enrolled in the University and has become firmly established in his academic work.

ADMINISTRATIVE ORGANIZATIONS....The University encourages undergraduates to take a large share of responsibility for the regulation of their own affairs. The students are represented on the Student Council through the top officers in the several classes, colleges, and activities. The Student Council acts as a liaison between the University administration and the student body and establishes policy for handling campus charities, freshman orientation, the big week ends, elections, the *Deskbook*, and current campus problems. The Women's Self-Government Association is the self-governing body for women students.

STUDENT CONDUCT....One rule governs the conduct of Cornell students: "A student is expected to show both within and without the University unflinching respect for order, morality, personal honor, and the rights of others." The rule is construed as applicable at all times, in all places, to all students of the University. It is administered by the University Faculty Committee on Student Conduct.

A student may at any time be removed from the University if, in the opinion of the Committee, such action is in the University's best interests.

ATHLETICS. . . . At Cornell athletics are designed to encourage the participation of every able-bodied student either in varsity sports or in the comprehensive intramural program. In addition to physical fitness, the work in athletics stresses the development of sportsmanship and a keen competitive spirit as enduring values that will be carried into later life. Varsity sports, with intercollegiate schedules, include baseball, basketball, crew, 150-pound crew, cross-country, fencing, football, 150-pound football, golf, lacrosse, polo, rifle, skiing, swimming, tennis, track, wrestling. Intramural and informal sports include badminton, bowling, basketball, golf, hiking, hockey, outing club work, paddleball, riding, rugby, sailing, skating, skiing, soccer, softball, squash, swimming, tennis, touch football, track, and volleyball.

PUBLICATIONS. . . . Cornell students edit and publish a newspaper, the *Cornell Daily Sun*; a yearbook, the *Cornellian*; a humor magazine, the *Widow*; a literary review, the *Cornell Writer*; and a number of journals relating to special fields of interest such as the *Cornell Engineer*, the *Cornell Countryman*, and the *Cornell Law Quarterly*.

MUSIC. . . . The Sage Chapel Choir, the Cornell A Cappella Chorus, the University Orchestra and Bands, the Glee Clubs, and other musical organizations give a wide range of opportunity to students who want to participate in making music. A generous concert schedule is provided by the Faculty Committee on Music, bringing famous soloists and major orchestras to the Bailey Hall series and distinguished quartets and other groups to the Chamber Music series. In addition, the Music Department and the Music Committee of Willard Straight Hall join in sponsoring free Sunday afternoon concerts, mostly by faculty and students.

DRAMA AND THE THEATRE. . . . An extensive program in dramatic production is conducted by Cornell students under the sponsorship and general supervision of the Department of Speech and Drama. The Cornell Dramatic Club presents each year at least six full-length plays and a number of shorter pieces, some of them original. Through the activities of the Dramatic Club, undergraduates may obtain a valuable experience in both the theory and practice of

theatrical production. This experience includes playwriting, acting, directing, costuming, make-up, lighting, theatrical administration and staging and design.

SOCIAL ACTIVITIES. . . Willard Straight Hall, the student union serves as a center for social and cultural activities for all Cornell students. It has facilities for dances, receptions, and other social gatherings; a theatre; a game room; rooms set aside for music and for exhibitions of art; pictures and phonograph records available for rental to students; meeting rooms for student organizations; a library; lounges; dining services, including cafeteria, snack bar, dining room, and rooms for private parties; barber shop and rooms for overnight guests. All students are members of Willard Straight Hall by payment of the College and University General Fee.

Affecting smaller groups, the professional and nonprofessional organizations in the several colleges and schools make a substantial contribution to the social life of the campus.

There are more than sixty fraternities and sororities at Cornell. Membership in these Greek-letter societies is by invitation. Most of the leading national organizations are represented on the campus.

RELIGIOUS ACTIVITIES. . . Although Cornell is a nonsectarian institution, religious activities assume a large and important place on the campus. Ample provision for fostering the religious life of students is made consistent with Cornell's historic principle of freedom from control by any church group. Anabel Taylor Hall, Cornell's beautiful center for religious activities, is widely known as the home of Cornell's United Religious Work. In this organization students may participate in one of the extensive campus programs sponsored by the church of their choice, or they may participate in united religious activities which are open to all students. In addition, each Sunday throughout the academic year distinguished guest preachers of various denominations conduct well-attended services in Cornell's Sage Chapel.

AUTOMOBILES. . . The University does not encourage student use of automobiles but recognizes that in certain cases there may be important reasons why a student needs an automobile. Freshmen are not permitted to have automobiles. Among the requirements governing the use of motor-driven vehicles are the following: (1) registration of the vehicles with the Traffic Bureau of the Safety Division on registration days at the beginning of each term, or within 48 hours after bringing a car to Tompkins County during the

term; (2) a registration fee of \$2 a term (a fine of \$5 is levied if the car is not registered within the specified time); (3) if the student is under 21, written consent of his parent or guardian; (4) evidence that the student may drive in New York State and that the vehicle may be driven here; (5) evidence that the vehicle is insured at the standard minima of \$10,000-\$20,000-\$5,000. Students may not park motor-driven vehicles on the campus except when permission has been granted in cases of physical disability or extreme hardship. Motorcycles must be registered but may not be used on the campus during class hours. Correspondence regarding motor vehicles should be addressed to the Safety Division, 101 Edmund Ezra Day Hall.

VIII

COUNSELING SERVICES

THE UNIVERSITY, through the office of the Dean of Men and Dean of Women, maintains extensive counseling services that are available at all times to any student who needs assistance, either in connection with routine matters that may come up in his normal life on the campus or in connection with special personal problems.

The Deans are prepared to assist students in answering questions regarding educational programs, finances, health, vocations, and extracurricular activities. Referrals may be made to the professionally trained members of the University or college staffs who are best qualified to be of assistance in the particular problem. Trained counselors are available to assist the student in making vocational choices or to refer him to the proper counselor in his school or college. Appointments for interest and aptitude testing may be made through the office of the Dean of Men and Dean of Women, which works closely with the University Testing Service.

The services of the Deans are available to many of the student organizations that deal with student government, the social program, and other extracurricular activities. Among the special services offered by the office of the Dean of Men is registration of men for Selective Service as they reach 18.

Financial counseling and a student employment service are available through the Deans' office.

In addition to the University counseling services, the various divisions of the University maintain counseling facilities for their students, giving them competent advice on those matters which arise in connection with their courses of study and other academic work.

The University counseling programs and the various school and college programs have for their aim the education of the whole individual and the proper adjustment and integration of every student at Cornell.

IX

EXPENSES AT CORNELL

THE COSTS of attending Cornell fall into two general categories. The first includes certain fixed charges for tuition, fees, deposits, and related charges for services provided by the University. The second includes living costs and items of personal expense. This section is intended to help the student make a realistic estimate of his expenses in both categories. (General University charges are listed in detail at the end of the section.)

The regular academic year has two terms of sixteen weeks each. Tuition in the endowed undergraduate divisions at Ithaca is \$425 a term. In the Graduate School, the tuition is \$425 a term, if the student's major field is in one of the endowed divisions, or \$150 a term if the major is in a state-supported division (College of Agriculture, College of Home Economics, School of Industrial and Labor Relations, Veterinary College). Undergraduates in the state-supported divisions who, at the time of admission and for at least twelve months preceding, have been bona fide residents of the state are exempt from tuition. Out-of-state students in the state-supported divisions pay tuition of \$150 a term. (Tuition and charges in the Cornell University-New York Hospital School of Nursing and in the Medical College are listed in Announcements of those divisions.)

For certain services or privileges the University charges a College and University General Fee over and beyond tuition. This

general fee is paid by all students in the divisions at Ithaca, the amount varying in the different schools and colleges. It contributes toward the services given by the libraries, the Clinic and Infirmary, and the student union in Willard Straight; it also pays part of the extra costs of laboratory courses and general administration, and supports programs of physical recreation and student activities.

Men students spend between \$120 and \$177.50 a term for room and from \$250 to \$320 a term for board. Laundry, done in Ithaca, may require \$25 to \$40 a term. For women, the fixed charge for board, room, and laundry in the dormitories is \$447.50 a term.

Books, instruments and supplies will cost \$30 to \$50 a term.

The student will find this check list useful for estimating his expenses (figures are for the regular academic year of two terms).

MEN'S EXPENSES

WOMEN'S EXPENSES

CORNELL ESTIMATE		YOUR ESTIMATE	CORNELL ESTIMATE	
Tuition	\$ 0-850	\$ ———	Tuition	\$ 0-850
Deposit (first term only)*	45	—————	Deposit (first term only)*	45
Fees	150-212	—————	Fees	150-212
Room	240-355	—————	Room, Board, & Laundry*	895
Meals	500-640	—————	Physical Ed. Equip.*	18
Books, supplies	60-100	—————	Books, supplies	80-100
Clothing		—————	Clothing	
Laundry, cleaning	50-80	—————	Transportation (including vacations)	
Transportation (including vacations)		—————	Personal allowance and incidentals	120-160
Personal allowance and incidentals	120-160	=====		
*Fixed expense.		\$ ———	*Fixed expense.	

A more detailed circular on costs is available from the office of the Financial Counselor, 142 Edmund Ezra Day Hall.

UNIVERSITY CHARGES. . . . Prospective students in the divisions of the University located at Ithaca should familiarize themselves with the charges made in the college or school in which they plan to enroll and the general regulations governing payments as given below. The following table lists the tuition and fees paid each term by students in the Ithaca divisions of the University (there are two terms of sixteen weeks each in the normal academic year).

COLLEGES OF ARCHITECTURE, ARTS AND SCIENCES, AND ENGINEERING; GRADUATE SCHOOLS OF AERONAUTICAL ENGINEERING AND BUSINESS & PUBLIC ADMINISTRATION; LAW SCHOOL, DIVISION OF UNCLASSIFIED STUDENTS; GRADUATE SCHOOL:

Tuition.....	\$425.00†
College and University General Fee*.....	75.00
Total each term.....	\$500.00

SCHOOL OF NUTRITION:

Tuition.....	\$225.00
College and University General Fee*.....	75.00
Total each term.....	\$300.00

SCHOOL OF HOTEL ADMINISTRATION:

Tuition.....	\$425.00
College and University General Fee*.....	75.00
Total each term.....	\$500.00

COLLEGE OF AGRICULTURE:

Tuition.....	\$150.00‡
College and University General Fee*.....	77.50
Total each term.....	\$227.50

COLLEGE OF HOME ECONOMICS:

Tuition.....	\$150.00‡
College and University General Fee*.....	101.00
Total each term.....	\$251.00

VETERINARY COLLEGE:

Tuition.....	\$150.00‡
College and University General Fee*.....	106.00
Total each term.....	\$256.00

SCHOOL OF INDUSTRIAL AND LABOR RELATIONS:

Tuition.....	\$150.00‡
College and University General Fee*.....	76.00
Total each term.....	\$226.00

DIVISION OF EXTRAMURAL COURSES:

Tuition (for a credit hour).....	\$ 23.50
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OTHER FEES AND DEPOSITS . . . In addition to the charges listed above, the following financial obligations should be carefully noted and taken into account in the student's budget of expenses for the term in which they are due.

An application fee of \$5 must be paid at the time an application for admission is submitted to an undergraduate division.

A registration fee of \$45 must be paid after the applicant has received notice of provisional acceptance from any of the following divisions: Agriculture, Architecture, Arts and Sciences, Engineering (except Graduate School of Aeronautical Engineering), Home Economics, Hotel Administration, Industrial and Labor Relations, Unclassified, and Veterinary. This fee covers matriculation charges and certain graduation expenses and establishes a fund for undergraduate and alumni class activities.

A registration fee of \$28 must be paid after the applicant has received notice of provisional acceptance from any of the following divisions: Graduate School of Business and Public Administration, Graduate School of Aeronautical Engineering, School of Nutrition, Graduate School.

A registration deposit of \$50 must be paid after the student has received notice of provisional acceptance from the Law School. After matriculation, \$17 of this fee is refunded. The balance covers matriculation expense and the Material on the Introduction to the Study of Law.

A deposit of \$30 against the cost of a uniform is payable at registration in the first term by those enrolling in the basic course in Military Science and Tactics. Most of the deposit is returned as earned uniform allowance upon completion of the two-year basic course. If the student withdraws prior to completion of the course, he will owe for the total cost of the uniform less any uniform allowance earned and less a portion of the deposit. Uniforms cannot be turned in for credit.

TRANSFER TUITION . . . Any student transferring from one college (or course or courses) in the University to another must, on or before the time of transfer, pay an amount corresponding to the difference in tuition for the hours of credit that will be allowed in the latter college (or course or courses).

For Credit Hours Taken in School Year:	Endowed College Rate per Student Hour:
1948-49 through 1951-52.....	18.75
1952-53, 1953-54.....	21.875
1954-55.....	23.4375
1955-56.....	26.5625

EXCESS HOURS TUITION . . . Senior students in the Colleges of Agriculture and Home Economics, except those students in the course in Institution

*The General Fee includes an allowance for the student's normal requirements of materials and breakage in laboratory courses and for certain materials in other courses. Costs in excess of this allowance will be charged against the student.

†\$150 for graduate students whose major field of concentration is in Agriculture, Home Economics, Industrial and Labor Relations, or Veterinary Medicine.

‡No tuition is charged bona fide residents of the State of New York who have lived in the state for at least one year immediately prior to admission to any state-supported schools or colleges (listed in the preceding footnote).

Management, if they desire to take courses in the endowed colleges beyond the hours allowed free under the rules of that college and beyond the total hours required for graduation, may be allowed to do so on payment for the additional hours of instruction at the rate of tuition in the college in which the instruction is given.

SPECIAL FEES . . . The following fees are imposed by the colleges and schools under certain conditions:

Late registration	\$5.00
Make-up examination	2.00
Late filing of study card	2.00
Late change of program	3.00
Failure to check out chemistry desk	5.00

RULES OF PAYMENT . . . Tuition and other fees become due when the student registers and must be paid within a prescribed period if enrollment is to be continued. The following regulations, adopted by the Treasurer under the direction of the Board of Trustees, govern the payment of student accounts.

Tuition and fees must be paid not later than twenty days after registration during the regular term and not later than five days after registration in the Summer Session or short courses. The student's enrollment is automatically terminated for failure to meet this obligation. In exceptional circumstances, the Treasurer may grant an extension of time for completion of payments. A fee of \$2 is charged for such an extension, and a fee of \$5 is charged for reinstatement of a student who has been dropped for nonpayment. For reasons judged adequate, the latter fee may be waived in any individual case.

Checks and drafts in excess of the amount due are not accepted in payment of University charges, since the Treasurer is not permitted to cash any part of a credit instrument. Checks in satisfaction of student accounts must be drawn in the amount owed.

Part of the tuition and fees will be refunded to students who withdraw, for reasons accepted as satisfactory, prior to the end of a term. For students who do not complete a term, tuition and fees will be charged at the rate of 10 per cent for each week or fraction of a week. No charge is made if the student withdraws within six days of the date of registration. The registration fee will not be refunded.

The amount, time, and manner of payment of tuition or any fee may be changed at any time by the Board of Trustees without notice.

METHOD OF PAYMENT . . . At the beginning of every session, the student receives from the Registrar a form which serves as his bill for the term. The Treasurer does not issue term bills. The form distributed by the Registrar is presented, with payment, to the cashier's window in the Treasurer's office, 260 Edmund Ezra Day Hall (hours: 8:15 a.m. until 4:30 p.m. weekdays and until 12:15 p.m. Saturdays). The receipt given to the student serves as a certificate of registration and should be carefully preserved, since it is a means of identification that will be found useful or even necessary on many occasions; it entitles the holder to membership in the student union (Willard Straight Hall), to the services of the Infirmary and Clinic, and to many other special privileges reserved to students.

X

FINANCIAL AID AND OPPORTUNITIES FOR EMPLOYMENT

AN ENTERING freshman who needs supplementary funds to meet the costs of his college education should have clearly in mind the additional amount needed in his particular case and should have a realistic plan for meeting the requirements of his budget during his first year. The usual ways in which college students assist themselves financially are through scholarships, loan funds, and part-time employment.

SCHOLARSHIPS

Competitive general scholarships open to entering freshmen range in value from \$100 to \$2000 a year. Academic ability, as indicated by the candidate's secondary school credentials and by his College Board Scholastic Aptitude Test scores, is an important consideration in each instance. For some awards, the selection process also emphasizes extracurricular achievement and promise of leadership. Financial need is a factor in choosing winners of some awards and, in other cases, in determining the amounts granted.

A scholarship application may be obtained from the Scholarship Secretary, Office of Admissions. The scholarship application must be submitted before March 1 (in addition to the application for admission) by each candidate who wishes scholarship consideration. The January College Board Scholastic Test is required of competitors for all general awards.

In addition to the general scholarships, there are awards available only to freshmen entering certain divisions; such awards are administered by the respective schools or colleges concerned. All awards—both those open to entering freshmen and those open to students in residence—are described in the *Announcement of Finan-*

cial Aids and Scholarships, available on request to the University Announcements office, Edmund Ezra Day Hall.

New York State candidates interested in the State Cornell scholarships and State University Scholarships should apply to local school authorities or to the Commissioner of Education, Albany, New York, for details. Winners are not exempt from any of the rules governing admission to the University; they should therefore apply for admission at the normal time and should be prepared to satisfy the regular entrance requirements.

LOANS

The University, through its Committee on Student Aid, grants two types of loans to students. Short-term loans (up to \$100) are available to students who find themselves short of money at certain periods. Long-term loans of larger amounts are available to students who have shown themselves capable of carrying on a successful college program. Loans are not ordinarily available to foreign students. For further information, those interested should request the *Announcement of Financial Aids and Scholarships*.

PART-TIME CAMPUS EMPLOYMENT

Many students at Cornell earn part of their living expenses by working on or near the campus during the school year. Most of the opportunities are for unskilled labor. The number of jobs varies from year to year; the physical ability and the energy of the student have a bearing on the amount of work that can be handled successfully; and the course of study and the number of hours carried in classroom and laboratory must also be taken into account.

To assist students applying for part-time work, the office of the Dean of Men and the Dean of Women, in Edmund Ezra Day Hall, serves as an exchange for listing jobs that have been reported and for advising students of openings that may be available. Students should apply in advance of registration as the demand for available campus positions is great.

XI

COLLEGE TRAINING AND CAREERS

THE UNIVERSITY makes every effort to assist students in entering the careers for which they are prepared. Vocational counseling begins in the separate colleges and schools, where the undergraduate will be assigned a faculty adviser who will help him in the selection of courses that will give the best basic preparation in the chosen field. In addition, most of the colleges and schools maintain placement offices designed to help the student get the sort of job he wants. These placement offices work in close cooperation with the University Placement Service in Edmund Ezra Day Hall, which has a full-time staff available for consultation. The Placement Service arranges interviews with employers, supervises the assembling and presentation of personnel records, and assists Cornell men and women who are ready for positions in business and industry.

For a person about to begin college, the matter of deciding in which division of the University he wants to study should not be difficult. The general descriptions of the work in the several colleges and schools, as given in Section I, should indicate which division offers the desired type of preparation. The prospective student should write for the Announcement giving a detailed description of the curriculum in which he is interested. A list of the Announcements is given on the inside front cover of this publication.

The prospective student frequently and naturally thinks in terms of specific courses, such as chemistry, or design, or animal husbandry, instead of in terms of a broad curriculum such as Arts and Sciences, or Architecture, or Agriculture. He may have had experience in some particular field and may be interested in getting college training leading to a career as a chemist, an architect, or a dairyman. To assist the applicant in identifying the division in the University where particular instruction is offered, a general list of subjects of study is presented below. The subject is in the left-hand column of the list and the college or school in which the subject forms a part of the curriculum is in the right-hand column.

A LIST OF SUBJECTS OF STUDY

The various divisions of the University are abbreviated as follows: the endowed colleges of Architecture, Arts and Sciences, Engineering, and Medicine as *Arch*, *Arts*, *Eng*, and *Med*; the State Colleges of Agriculture, Home Economics, and Veterinary Medicine as *Agric*, *Home Ec*, and *Vet*; the Schools of Education, Industrial and Labor Relations, Law, Nursing, and Nutrition, and the Graduate School of Business and Public Administration as *Educ*, *I.L.R.*, *Law*, *Nurs*, *Nutrit*, and *Bus*. Hotel Administration is abbreviated as *Hotel* and the Graduate School as *Grad*. Each of the above divisions has a separate Announcement. Information concerning Military Science and Tactics, Air Science, Naval Science, Physical Education, Clinical and Preventive Medicine, and Extramural Courses is given in the *Announcement of the Independent Divisions and Departments (ID)*.

<i>Subject of Study</i>	<i>College or School</i>	<i>Subject of Study</i>	<i>College or School</i>
ACCOUNTING	<i>Arts, Bus, Agric, Eng, Hotel</i>	ANIMAL HUSBANDRY	<i>Agric</i>
AERONAUTICAL ENGINEERING	<i>Eng</i>	animal breeding	livestock
AGRICULTURAL BROADCASTING	<i>Agric</i>	animal nutrition	production
AGRICULTURAL ECONOMICS	<i>Agric</i>	dairy husbandry	meat and meat products
agricultural policy		ANTHROPOLOGY	<i>Arts</i>
agricultural geography and land economics		ARBITRATION	<i>I.L.R.</i>
business management		ARCHAEOLOGY (See FINE ARTS)	<i>Arts</i>
farm finance		ARCHITECTURE	<i>Arch</i>
farm management		ARCHITECTURAL ENGINEERING	<i>Arch</i>
land economics		ASTRONOMY	<i>Arts</i>
marketing		BACTERIOLOGY	<i>Agric, Med, Vet</i>
prices		BANKING AND FINANCE	<i>Bus</i>
public administration		BIBLIOGRAPHY	<i>Arts</i>
statistics		BIOCHEMISTRY	<i>Agric, Nutrit</i>
(See also AGRICULTURAL MANAGEMENT)		BIOLOGY	<i>Agric, Arts</i>
AGRICULTURAL ENGINEERING	<i>Agric, Eng</i>	BIOPHYSICS	<i>Arts</i>
farm mechanics farm structures		BOTANY	<i>Agric, Arts</i>
AGRICULTURAL EXTENSION	<i>Agric</i>	BUSINESS ADMINISTRATION	<i>Bus</i>
AGRICULTURAL JOURNALISM	<i>Agric</i>	CHEMICAL ENGINEERING	<i>Eng</i>
AGRICULTURAL MANAGEMENT (grad.)	<i>Agric and Bus</i>	metallurgy and metallography	
AGRONOMY	<i>Agric</i>	organic chemistry	
field crops	soil science	physical chemistry	
soil conservation		physics	
AIR SCIENCE	<i>ID</i>	sanitary engineering	
		CHEMISTRY	<i>Arts</i>
		CITY MANAGEMENT	<i>Bus</i>
		CITY AND REGIONAL PLANNING	<i>Arch</i>

<i>Subject of Study</i>	<i>College or School</i>	<i>Subject of Study</i>	<i>College or School</i>
CIVIL ENGINEERING	<i>Eng</i>	mechanical engineering	
geodetic engineering		metallurgical engineering	
hydraulic engineering		ENGINEERING, AGRICULTURAL	<i>Agric,</i>
sanitary engineering			<i>Eng</i>
structural engineering		ENGINEERING, HOTEL	<i>Hotel</i>
transportation engineering		ENGINEERING PHYSICS	<i>Eng</i>
CLASSICS	<i>Arts</i>	ENGLISH	<i>Arts</i>
COLLECTIVE BARGAINING	<i>I.L.R.</i>	ENTOMOLOGY	<i>Agric</i>
COMMUNICATIONS		beekeeping	
(See ELECTRICAL ENGINEERING)		insect morphology	
CONSERVATION	<i>Agric</i>	insect physiology	
farm forestry ornithology		insect taxonomy	
fishery biology vertebrate zoology		limnology	
wildlife management		medical entomology	
DAIRY INDUSTRY	<i>Agric</i>	parasitology	
fluid milk handling and processing		FAR EASTERN STUDIES	<i>Arts</i>
manufacture of milk products		FARM FORESTRY	<i>Agric</i>
DESIGN, ARCHITECTURAL	<i>Arch</i>	FEDERAL ADMINISTRATION	<i>Bus</i>
DRAMA, SPEECH AND	<i>Arts</i>	FINANCE, BUSINESS AND PUBLIC....	<i>Bus</i>
DRAMATIC PRODUCTION	<i>Arts</i>	FINE ARTS	<i>Arch, Arts</i>
DRAWING, MECHANICAL	<i>Eng, Agric</i>	FLORICULTURE	<i>Agric</i>
DRAWING AND PAINTING....	<i>Agric, Arch</i>	landscape service	
ECONOMICS	<i>Agric, Arts</i>	ornamental horticulture	
EDUCATION	<i>Educ</i>	plant materials and propagation	
academic subjects		FOOD AND NUTRITION	<i>Home Ec,</i>
industrial arts			<i>Hotel, Nutrit</i>
rural education		FOOD SCIENCE AND TECHNOLOGY..	<i>Agric,</i>
administration and supervision			<i>Home Ec, Nutrit</i>
educational psychology		FOREIGN TRADE	<i>Bus</i>
educational theory		FORESTRY	(See FARM FORESTRY)
guidance		GEOGRAPHY	<i>Arts</i>
measurement and statistics		GEOLOGY	<i>Arts</i>
nature study		GOVERNMENT	<i>Arts</i>
psychology		GRADUATE STUDY	<i>Grad</i>
teaching of agriculture		GUIDANCE	<i>Educ</i>
teaching of home economics		HEALTH	<i>ID</i>
teaching of science		HISTORY	<i>Arts</i>
ELECTRICAL ENGINEERING	<i>Eng</i>	HOME ECONOMICS	<i>Home Ec</i>
electric power and design		child development and family	
electrical communication		relationships	
industrial electronics		economics of the household and	
ENGINEERING	<i>Eng</i>	household management	
aeronautical engineering		food and nutrition	
agricultural engineering		home economics education	
chemical engineering		home economics journalism	
civil engineering		housing and design	
electrical engineering		institution management	
engineering physics		textiles and clothing	

<i>Subject of Study</i>	<i>College or School</i>	<i>Subject of Study</i>	<i>College or School</i>
HOTEL ADMINISTRATION	<i>Hotel</i>	business regulation	labor law
accounting		commercial law	property and probate
administration		corporation law	security problems
engineering		insurance	trusts and estates
economics and finance		international law	taxation
hotel and restaurant equipment		jurisprudence	
food production		LITERATURE	<i>Arts</i>
food science		MARKETING	<i>Bus, Agric</i>
housekeeping		MATHEMATICS	<i>Arts</i>
restaurant administration		MECHANICAL ENGINEERING	<i>Eng</i>
HOUSEHOLD MANAGEMENT....	<i>Home Ec</i>	aeronautical engineering	
HOUSING	<i>Eng, Home Ec</i>	automotive engineering	
INDUSTRIAL DESIGN	<i>Arch</i>	electrical engineering	
INDUSTRIAL EDUCATION	<i>I.L.R.</i>	engineering materials	
INDUSTRIAL ENGINEERING AND		experimental engineering	
MANAGEMENT	<i>Eng</i>	heat engineering	
INDUSTRIAL AND LABOR		heat-power engineering	
RELATIONS	<i>I.L.R.</i>	heating, ventilating, and air conditioning	
collective bargaining and labor law		industrial engineering	
economic and social statistics		internal combustion engines	
human relations in industry		materials processing	
industrial education		mechanical design	
journalism		mechanics and strength of materials	
labor market economics and analysis		physics	
labor union history and administration		refrigeration engineering	
personnel administration		structural engineering	
social security and protective labor legislation		tool engineering	
INSTITUTION MANAGEMENT		welding engineering	
.....	<i>Home Ec, Hotel</i>	MEDIATION	<i>I.L.R.</i>
INTERNATIONAL ADMINISTRATION....	<i>Bus</i>	MEDICINE AND SURGERY	<i>Med</i>
INTERNATIONAL RELATIONS	<i>Arts, Bus, Law</i>	anatomy	
JOURNALISM	<i>Agric, Home Ec, I.L.R.</i>	bacteriology and immunology	
JOURNALISM, NONPROFESSIONAL		biochemistry	
PREPARATION FOR	<i>Arts</i>	medicine and medical specialties	
LAND PLANNING	<i>Arch</i>	military medicine	
LABOR RELATIONS (See INDUSTRIAL AND		obstetrics and gynecology	
LABOR RELATIONS)		pathology	
LANDSCAPE ARCHITECTURE	<i>Arch</i>	pediatrics	
LANGUAGES, MODERN AND		pharmacology	
ANCIENT	<i>Arts</i>	physiology and biophysics	
LAW	<i>Law</i>	psychiatry	
administrative law		public health and preventive medicine	
admiralty law		radiology	
		surgery and surgical specialties	

<i>Subject of Study</i>	<i>College or School</i>
METALLURGICAL ENGINEERING,	
CHEMICAL AND	<i>Eng</i>
METEOROLOGY	<i>Agric</i>
MILITARY SCIENCE AND	
TACTICS	<i>ID</i>
MUSIC	<i>Arts</i>
NAVAL SCIENCE	<i>ID</i>
NUCLEAR STUDIES	<i>Arts</i>
NURSING	<i>Nurs</i>
NURSING, PREPARATION	
FOR	<i>Arts, Home Ec, Agric</i>
NUTRITION	<i>Nutrit</i>
NUTRITION, ANIMAL	<i>Agric</i>
NUTRITION, FOOD AND	<i>Home Ec,</i>
	<i>Hotel, Nutrit</i>
PAINTING	<i>Arch</i>
PERSONNEL MANAGEMENT	<i>Educ,</i>
	<i>Hotel, I.L.R.</i>
PERSONNEL PSYCHOLOGY	<i>I.L.R.</i>
PERSONNEL RELATIONS	<i>Bus</i>
PHILOSOPHY	<i>Arts</i>
PHYSICS	<i>Arts, Eng</i>
PHYSIOLOGY	<i>Agric, Arts, Vet</i>
PLANT BREEDING	<i>Agric</i>
genetics	
PLANT PATHOLOGY	<i>Agric</i>
mycology	
POMOLOGY	<i>Agric</i>
POULTRY HUSBANDRY	<i>Agric</i>
breeding	<i>nutrition</i>
management	
PRELAW TRAINING	<i>Arts</i>
PRELAW TRAINING	<i>Arts</i>
PREMEDICAL TRAINING	<i>Arts</i>
PREVETERINARY TRAINING	<i>Agric,</i>
	<i>Arts</i>

<i>Subject of Study</i>	<i>College or School</i>
PRODUCTION CONTROL	<i>Bus</i>
PSYCHOBIOLOGY	<i>Arts</i>
PSYCHOLOGY	<i>Arts</i>
PUBLIC ADMINISTRATION	<i>Bus, Agric</i>
PUBLIC RELATIONS.	<i>Agric, Hotel, I.L.R.</i>
PUBLIC SPEAKING	<i>Arts, Agric</i>
RADIO	<i>Agric, Arts, Eng</i>
REGIONAL PLANNING	<i>Arch</i>
RESTAURANT ADMINISTRATION. . .	<i>Hotel</i>
ROMANCE LANGUAGES	<i>Arts</i>
RURAL EDUCATION (See EDUCATION)	
RURAL SOCIOLOGY	<i>Agric</i>
SCULPTURE	<i>Arch</i>
SECRETARIAL*	<i>Hotel</i>
dictation	<i>shorthand</i>
procedures	<i>typewriting</i>
SOCIAL SECURITY	<i>I.L.R.</i>
SOCIAL SERVICE	<i>Agric, Home Ec</i>
SOCIAL STUDIES	<i>Arts</i>
SOCIOLOGY	<i>Arts</i>
SPEECH AND DRAMA	<i>Arts</i>
STATISTICS	<i>Bus, I.L.R., Agric,</i>
	<i>Arts</i>
TEACHING	<i>(See EDUCATION)</i>
TEXTILES AND CLOTHING	<i>Home Ec</i>
TRANSPORTATION	<i>Arts, Eng, Bus</i>
VEGETABLE CROPS	<i>Agric</i>
VETERINARY MEDICINE	<i>Vet</i>
anatomy	<i>physiology</i>
animal parasitology	<i>surgery</i>
materia medica	
microscopy, histology, embryology	
pathology and bacteriology	
WORKMEN'S COMPENSATION	<i>I.L.R.</i>
ZOOLOGY	<i>Arts, Agric</i>

*The courses in secretarial work do not lead to a degree in that field.

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THE ACADEMIC CALENDAR

	1955-1956	1956-1957
Freshman Orientation	Sept. 16, <i>F</i>	Sept. 14, <i>F</i>
Registration, new students	Sept. 19, <i>M</i>	Sept. 17, <i>M</i>
Registration, old students	Sept. 20, <i>T</i>	Sept. 18, <i>T</i>
Instruction begins, 1 p.m.	Sept. 21, <i>W</i>	Sept. 19, <i>W</i>
Midterm grades due	Nov. 9, <i>W</i>	Nov. 7, <i>W</i>
Thanksgiving recess:		
Instruction suspended, 12:50 p.m.	Nov. 23, <i>W</i>	Nov. 21, <i>W</i>
Instruction resumed, 8 a.m.	Nov. 28, <i>M</i>	Nov. 26, <i>M</i>
Christmas recess:		
Instruction suspended	Dec. 20, <i>T</i>	Dec. 22, <i>S</i>
	10 p.m.	12:50 p.m.
Instruction resumed, 8 a.m.	Jan. 4, <i>W</i>	Jan. 7, <i>M</i>
First-term instruction ends	Jan. 21, <i>S</i>	Jan. 19, <i>S</i>
Second-term registration for students in residence	Jan. 23, <i>M</i>	Jan. 21, <i>M</i>
Examinations begin	Jan. 24, <i>T</i>	Jan. 22, <i>T</i>
Examinations end	Feb. 1, <i>W</i>	Jan. 30, <i>W</i>
Midyear recess	Feb. 2-3, <i>Th-F</i>	Jan. 31-Feb. 1, <i>Th-F</i>
Registration for students not in residence in fall term	Feb. 4, <i>S</i>	Feb. 2, <i>S</i>
Second-term instruction begins	Feb. 6, <i>M</i>	Feb. 4, <i>M</i>
Midterm grades due	Mar. 24, <i>S</i>	Mar. 23, <i>S</i>
Spring recess:		
Instruction suspended, 12:50 p.m.	Mar. 24, <i>S</i>	Mar. 23, <i>S</i>
Instruction resumed, 8 a.m.	Apr. 2, <i>M</i>	Apr. 1, <i>M</i>
Second-term instruction ends	May 26, <i>S</i>	May 25, <i>S</i>
Examinations begin	May 28, <i>M</i>	May 27, <i>M</i>
Examinations end	June 5, <i>T</i>	June 4, <i>T</i>
Commencement Day	June 11, <i>M</i>	June 10, <i>M</i>

